A CATALOGUE OF THE PHILOSOPHICAL Books and Tracts,

Written by the Honourable

ROBERT BOYLE Esq;

Together with the

ORDER or TIME,

Wherein

Each of them hath been publish'd respectively.

To which is added

A CATALOGUE

Of the

Theological Books,

Written by the same AUTHOR.

In the *Savoy*, Printed by *Edw. Jones.* 1689.

A CATALOGUE OF THE PHILOSOPHICAL Books and Tracts,

Written by the Honourable

ROBERT BOYLE Esquire.

Advertisements of the Publisher.

1. *Many ingenious Persons, especially Strangers, having pressingly endeavour'd to procure a Catalogue of the Honourable* Mr. Boyles *Writings; and the Author himself being not at leasure to draw one up; 'twas thought it might be some satisfaction to those Inquirers, if I publish'd the following List, as it was drawn out, for his own use, of the Philosophical Transactions, as well as the*

Printed Volumes, by an ingenious French Physician, studious of the Authors Writings, some of which he Translated and Printed in his own Language.

2. *The Letter* L. *affixt in the Margin, denotes the Book related to, to have been Translated, and Publish'd in the Latin Tongue also. Several of the rest having likewise been Translated into Latin, but not yet Publish'd.*

3. *Those that have an Asterisk prefix'd to them, came forth without the Authors Name, thô 'tis not doubted, but they are His.*

4. *Divers of those mention'd as drawn out of the Transactions, did probably come abroad in Latin; some of the Transactions themselves having been publish'd in that Language.*

L

NEw Experiments Physico-Mechanical, touching the Spring and Weight of the Air, and its Effects, (made for the most part in a new Pneumatical Engine) written by way of Letter to the Right Honourable *Charles* Lord Viscount of *Dungarvan*, Eldest Son to the Earl of *Cork*, by the Honourable *Robert Boyle*, Esquire.

A Defence of the Doctrine, touching the Spring and Weight of the Air, propos'd by the Author in his New Physico-Mechanical Experiments; against the Objections of *Franciſcus Linus*, wherewith the Objectors *Funicular Hypotheſis* is alſo examin'd. L

An Examen of Mr. *Tho. Hobbes*'s *Dialogus Phyſicus de Natura Aeris*, as far as it concerns the Authors Book of New Experiments touching the Spring of the Air; with an Appendix touching Mr. *Hobbes*'s Doctrine of Fluidity and Firmneſs.

Theſe three together in a Volume in 4°, being a ſecond Edition; the firſt at *Oxford* 1662, had been publiſh'd *Anno* 1660. The two others at *London* 1662, had been publiſh'd *Anno* 1661.

The Sceptical Chymiſt, *&c.* 1661. L

Phyſiological Eſſays, or *Tentamina*, Written and Collected upon divers Times and Occaſions, with an Hiſtory of Fluidity and Firmneſs in 4°. 1662. L

An Experimental Hiſtory of Colours begun, 8°. 1663. L

Some Conſiderations touching the uſefulneſs of Experimental Natural Philoſophy, propos'd in a familiar Diſcourſe to a Friend, by way of Invitation to the ſtudy of it; a ſecond Edition 4°. *Oxford* 1664. The firſt had been publiſh'd 1663.

Of the Uſefulneſs of Natural Philoſophy, the ſecond Part; the firſt Section, of its Uſefulneſs to Phyſick, with an *Appendix* to this firſt Section of the ſecond Part, 4°. 1669.

Of the Uſefulneſs of Experimental Natural Philoſophy, *&c.* the ſecond Tome, containing the later Section of the ſecond Part, 4°. *Oxford* 1671.

The firſt Volume of theſe Three Books contains five Eſſays.

The firſt, Of the Uſefulneſs, *&c.* Principally as it relates to the Mind of Man.

The ſecond, A Continuation of the former.

The third, A further Continuation.

The fourth, A requiſite Digreſſion concerning thoſe, who would exclude the Deity from intermedling with Matter.

In the fifth, The Diſcourſe, interrupted

rupted by the late Digreſſion, is reſum'd and concluded.

The Second Volume contains likewiſe five Eſſays.

The firſt, Of the Uſefulneſs, *&c.* As to the Phyſiological part of Phyſick.

The ſecond, As to the Pathological part of Phyſick.

The third, As to the Semeiotical part of Phyſick.

The fourth, As to the Hygieinal part of Phyſick.

The fifth, As to the Therapeutical part of Phyſick, in 20 Chapters.

The Third Volume contains ſix Eſſays.

The firſt, General Conſiderations about the Means, whereby Experimental Philoſophy may become uſeful to Human Life.

The ſecond, Of the uſefulneſs of Mathematicks to Natural Philoſophy.

The third, Of the uſefulneſs of Mechanical Diſciplines to Natural Philoſophy.

The fourth, That the Goods of Mankind may be much encreas'd by the Naturalists insight into Trades, with an Appendix.

The fifth, Of doing by Physical Knowledge, what is wont to require Manual Skill.

The sixth, Of Mens great Ignorance of the Uses of Natural Things.

An Experimental History of Cold, and some Discourses Concerning New Thermometrical Experiments, and Thoughts about the Doctrine of Antiperistasis; with

An Examen of Mr. *Hobbes*'s Doctrine touching Cold, a second Edition, 4° 1665.

Attempts of a way to convey Liquors immediately into the Mass of Blood, communicated in the Philosophical Transactions of *December* the 4*th*. 1665.

Observations and Experiments upon the Barometer or Ballance of Air, invented, directed, and begun, *Anno* 1659. communicated to Dr. *Beal* that continu'd them, and mention'd in the Transactions of *February* the 12*th*, and *March* the 19*th*. 1666.

Hydro-

Hydroſtatical Paradoxes made out by new Experiments, for the moſt part Phyſical and eaſie, occaſion'd by Monſieur *Paſchal*'s Tract of the *Equilibrium* of Liquors, and of the weight of the Air, 1666. L

An account of an Earth-quake near *Oxford*, and the Concomitants thereof, communicated in the Philoſophical Tranſactions of *April* the 2*d*. 1666.

New Obſervations and Directions about the Barometer, in the ſame.

General Heads for a Natural Hiſtory of a Country, great or ſmall, communicated in the ſame.

The Origine of Forms and Qualities illuſtrated by Conſiderations and Experiments, in two Parts, 8°. 1666. L

A way of preſerving Birds taken out of the Egg, and other ſmall *Fœtus*'s, communicated in the Philoſophical Tranſactions of *May* 7*th*. 1666.

An Account of a new kind of Baroſcope, which may be call'd Statical, and of ſome advantages and conveniencies it hath above the Mercurial, communicated in the Philoſophical Tranſactions of *July* the 2*d*. 1666.

A new Frigorific Experiment, ſhewing how a conſiderable degree of Cold may

may be ſuddenly produc'd, without the help of Snow, Ice, Hail, Wind or Nitre, and that at any time of the year, communicated in the Philoſophical Tranſactions of *July* 18*th.* 1666.

Tryals propos'd to Dr. *Lower* for the improvement of transfuſing Blood out of one live Animal into another, communicated in the Philoſophical Tranſactions of *February* the 11*th.* 1666.

L Free Conſiderations about Subordinate Forms, being an *Appendix* to the Origine of Forms and Qualities publiſh'd laſt year, and reprinted with this, 1667. 8°.

A Letter to the Author of the Philoſophical Tranſactions, giving an Information of ſome Experiments which he had made himſelf ſeveral years ago, by injecting acid Liquors into Blood, upon the occaſion of thoſe communicated by Signior *Fracaſſati*, in a Letter written from *Oxford*, *October* the 19*th.* 1667.

New Experiments concerning the Relation between Light and Air, (in ſhining Wood and Fiſh) in a Letter from *Oxford* to the Publiſher of the Philoſophical Tranſactions of *January* the 6*th.* 1668.

A Continuation of the ſame Letter in the Philoſophical Tranſactions of *February* the 10*th*. 1668.

A Continuation of new Experiments, Phyſico-Mechanical, touching the Spring and Weight of the Air, and their Effects; The firſt Part. With a Diſcourſe of the Atmoſpheres of Conſiſtent Bodies, *Oxford*, 1669.

An Invention for eſtimating the Weight of Water with ordinary Ballances and Weights, in the Philoſophical Tranſactions of *Auguſt* the 16*th*. 1669.

Certain Philoſophical Eſſays and other Tracts, a ſecond Edition; with a Diſcourſe about the Abſolute reſt of Bodies, 4°. *London* 1669. The firſt Edition had been publiſhed, *Anno* 1662. L

New Pneumatical Experiments about Reſpiration, upon Ducks, Vipers, Frogs, &c. communicated in the Philoſophical Tranſactions of *Auguſt* 8. 1670.

A Continuation of the ſame Experiments in the Philoſophical Tranſactions of *September* the 12*th*. 1670.

Tracts: About the Coſmical Qualities of Things: The Temperature of the Subterraneal and Submarine Regions, and the bottom of the Sea; together L

with

with an Introduction to the History of particular Qualities, 8°. *Oxford* 1670.

L Tracts: A Discovery of the admirable Rarefaction of the Air (even without Heat:) New Observations about the duration of the Spring of the Air. New Experiments touching the condensation of the Air by mere Cold, and its compression without Mechanical Engines, and the admirably differing extensions of the same quantity of Air, rarefied and compress'd, 4°. *London* 1670.

L An Essay about the Origine and Virtues of Gems, 8°. *London* 1672.

Some Observations about shining Flesh, both of Veal, and a Pullet, and that without any sensible Putrefaction in those Bodies, communicated by way of Letter to the Publisher of the Philosophical Transactions, in the Transactions of *December* the 16*th*. 1672.

A new Experiment concerning an effect of the varying weight of the Atmosphere upon some Bodies in the

J Water, the Description whereof was presented to the Lord *Broncker*, *Anno* 1671. Suggesting a conjecture, that the alterations of the very Weight of the Air,

Air, may have considerable Operations, even upon Mens Sickness or Health, communicated in the Philosophical Transactions of *February* the 24*th*. 1673.

Tracts: Containing new Experiments, touching the Relation between Flame and Air, and about Explosions. An Hydrostatical Discourse, occasion'd by some Objections of Dr. *Henry Moor*, *&c.* to which is annexed an Hydrostatical Letter about a way of weighing Water in Water: New Experiments of the positive, or relative, levity of Bodies under Water: Of the Airs-Spring on Bodies under Water, and about the differing Pressure of heavy Solids and Fluids, 8°. *London* 1672.

Essays of the strange Subtilty, great Efficacy, and determinate Nature of *Effluviums*; to which are annex'd new Experiments to make the Parts of Fire and Flame, Stable and Ponderable, with Experiments about arresting and weighing of *Igneous Corpuscles*; and a Discovery of the perviousness of Glass to ponderable parts of Flame, 8°. *London* 1673.

A Letter of *September* the 13*th*. 1673. concerning Ambergreece, and its being

a Vegetable Production, mention'd in the Philoſophical Tranſactions of *October* the *6th.* 1673.

L Tracts: Obſervations about the ſaltneſs of the Sea: An account of the Statical Hygroſcope, and its Uſes, together with an Appendix about the force of the Airs Moiſture, and a Fragment about the Natural and Preternatural ſtate of Bodies. To all which is premis'd a Sceptical Dialogue about the poſitive or privative Nature of Cold, 8°. *London* 1674.

L A Diſcourſe about the Excellency and Grounds of the Mechanical Hypotheſis, occaſionally propos'd to a Friend, annex'd to Another entituled, *The Excellency of Theology, compar'd with Natural Philoſophy*, 8°. *London* 1674.

An account of the two ſorts of the *Helmontian Laudanum*, together with the way of the Noble Baron *F. M. Van Helmont* (Son to the famous *John Baptiſta*) of preparing his *Laudanum*, communicated in the Philoſophical Tranſactions of *October* 26*th.* 1674.

L Tracts: Containing, 1. Suſpicions about ſome hidden Qualities of the Air, with

with an Appendix touching Celeſtial Magnets, and ſome other Particulars. 2. Animadverſions upon Mr. *Hobbes*'s *Problemata de vacuo*. 3. A Diſcourſe of the Cauſe of Attraction by Suction, 8°. *London* 1674.

Some Phyſico-Theological conſiderations about the poſſibility of the Reſurrection, annex'd to a Diſcourſe, entituled, *The Reconcileableneſs of Reaſon and Religion*, 8°. *London* 167$\frac{4}{5}$.

A Conjecture concerning the Bladders of Air, that are found in Fiſhes, communicated by *A. J.* and illuſtrated by an Experiment, ſuggeſted by the Author in the Philoſophical Tranſactions of *April* the 26*th*. 1675.

A New Eſſay-Inſtrument, invented and deſcribed by the Author, together with the Uſes thereof, in three Parts.

The firſt ſhews the occaſion of making it, and the Hydroſtatical Principles 'tis founded on.

The ſecond deſcribes the Conſtruction of the Inſtrument.

The third repreſents the Uſes, which, as relating to Metals, are

1. To diſcover, whether a propos'd Guinea be true, or counterfeit.

2. To

2. To examine divers other Gold Coins, and particularly half Guinea's.

3. To examine the new Engliſh Crown Pieces of Silver.

4. To eſtimate the goodneſs of Tin and Pewter.

5. To eſtimate Alloys of Gold and Silver, and ſome other Metalline Mixtures. All this maketh up the Philoſophical Tranſactions of *June* 21. 1675.

Ten new Experiments about the weaken'd Spring, and ſome unobſerved Effects, of the Air, where occur not only ſeveral Tryals to diſcover, whether the Spring of the Air, as it may divers ways be increas'd, ſo may not by other ways than Cold or Dilatation be weaken'd; but alſo ſome odd Experiments to ſhew the change of Colours producible in ſome Solutions and Precipitations by the Operation of the Air, communicated in the Philoſophical Tranſactions of *December* the 27*th*. 1675.

An Experimental Diſcourſe of Quickſilver growing hot with Gold, Engliſh and Latin, communicated in the Philoſophical Tranſactions of *Febru*ary 21. 1676.

Experi-

Experiments, Notes, *&c.* about the Mechanical Origine or Production of divers particular Qualities, amongſt which is inſerted a Diſcourſe of the Imperfections of the Chymiſts Doctrine of Qualities, together with ſome Reflections upon the Hypotheſis of *Alcali* and *Acidum*, 8°. *London* 1676.

This Diſcourſe comprehends Notes, *&c.* about the Mechanical Origine and Production Of Cold.

Of Heat.
Of Taſts.
Of Odours.
Of Volatility.
Of Fixtneſs.
Of Corroſiveneſs.
Of Corroſibility.
Of Chymical Precipitation.
Of Magnetical Qualities.
Of Electricity.

New Experiments about the ſuperficial Figures of Fluids, eſpecially of Liquors contiguous to other Liquors: Likely to conduce much to the Phyſical Theory of the grand Syſtem of the World, communicated in the Philoſophical Tranſactions of *January* the 29*th.* 167$\frac{5}{7}$.

A Continuation of the ſame Experiments in the Philoſophical Tranſactions of *February* the 26*th*. 167⅝.

The Sceptical Chymiſt, or Chymico-Phyſical Paradoxes, touching the Experiments whereby vulgar Spagyriſts are wont to endeavour to evince their Salt, Sulphur and Mercury to be the true Principles of Things; to which in this Second Edition are ſubjoyn'd divers Experiments and Notes about the Producibleneſs of Chymical Principles, 8°. *Oxford* 1680.

L A Second Continuation of new Experiments Phyſico-Mechanical, in which, various Experiments, touching the Spring of the Air, either compreſs'd or artificial, are contain'd, with a Deſcription of new Engines to perform them, 1680.

L The *Aerial Noctiluca*, or ſome new *Phænomena*, and a Proceſs of a factitious ſelf-ſhining Subſtance, 8°. *London* 1680.

L The Glacial or *Icy Noctiluca*, with a Chymical Paradox founded on new Experiments, whence it may be made probable, that Chymical Principles may be

be converted one into another; 8°. *London* 1680.

Memoirs for the Natural Hiſtory of Human Blood, eſpecially the Spirit of that Liquor, *London* 1684. L

Experiments and Conſiderations about the Poroſity of Bodies in two Eſſays: The former of the Porouſneſs of Animal Bodies, the other of the Porouſneſs of Solid Bodies, 8°. *London* 1684. L

Short Memoirs for the Natural Experimental Hiſtory of Mineral Waters, 8°. 168$\frac{4}{5}$.

An Hiſtorical account of a ſtrangely ſelf-moving Liquor, communicated in the Philoſophical Tranſactions of *November* the 26*th*. 1685.

Of the Reconcileableneſs of Specifick Medicines to the Corpuſcular Philoſophy, to which is annex'd a Diſcourſe about the advantages of the uſe of Simple Medicines, propos'd by way of Invitation to it, 8°. *London* 1685. L

An Eſſay of the great Effects of Languid and unheeded Motion. To which is annex'd an Experimental Diſcourſe of ſome unheeded Cauſes of the Salubrity

lubrity and Insalubrity of the Air and its Effects, 8°. *London* 1685.

L * A free Inquiry into the vulgarly receiv'd Notion of Nature, in an Essay address'd to a Friend, 8°. *London* 1685.

* A Disquisition about the Final Causes of Natural Things. With an Appendix of some Uncommon Observations about vitiated sight, 8°. *London* 1687.

Advertise-

Advertiſement.

Becauſe among thoſe that willingly read the Authors Writings, there are ſome that reliſh thoſe moſt, (as moſt ſuitable to their Genius, addicted to Religious Studies) that treat of Matters relating to Divinity; the Publiſher thinks fit to gratifie them with a Catalogue of thoſe Theological Books that paſs for Mr. Boyles, *becauſe they were aſcrib'd to him, and never poſitively diſown'd by him; thô ſuch of them as are mark'd with an Aſterisk, came abroad without having his Name prefix'd to them.*

SEraphic Love, five or ſix times printed, but firſt publiſh'd in the year 1660. 8°.

Conſiderations about the Style of the Scripture, whereof the Firſt Edition was publiſh'd in the year 1662 in Engliſh, and afterwards turn'd into, and ſeveral times printed in, Latin, 8°. L

Occaſional Reflections on ſeveral Subjects, with a Preliminary Diſcourſe of the Way of meditating there Exemplifi'd *

plifi'd; Firſt publiſh'd in the year 1665, and afterwards turn'd into Latin, but not yet printed in that Language, 8o.

* Of the Excellency of the Study of Theology compar'd with that of Natural Philoſophy. Printed in the year 1674. 8o.

* Conſiderations about the Reconcileableneſs of Reaſon and Religion. To which is annex'd a Diſcourſe about the Poſſibility of the Reſurrection. Printed in the year 1675. 8o.

* A Treatiſe of Things above Reaſon. To which are annex'd ſome Advices about things that are ſaid to tranſcend Reaſon. Printed in the year 1681, in Engliſh, and afterwards tranſlated into Latin, but not yet printed in that Language, 8o.

L * Of the Veneration that Mans Intellect owes to God. Printed in the year 1685.

* The Martyrdom of *Theodora* and of *Didymus*. *London* 1687.

The End.